

#6 Type: ER TF: TF2 Clause: 3.1 Page: 13 Line: 10 Commenter: Kevin A. Noll / Tibit Communications

Comment Status: Resolved Response Status: AIP Commenter Satisfaction: Satisfied Category: -

"Faults, Accounting, Configuration, Performance, and Security (FCAPS)" should be "Fault, Configuration, Accounting, Performance, Security management (FCAPS)"

Change text to "Fault, Configuration, Accounting, Performance, Security management (FCAPS)"

Change text to "Fault, Configuration, Accounting, Performance, Security (FCAPS) management"

#7 Type: ER TF: TF2 Clause: 3.2 Page: 13 Line: 21 Commenter: Kevin A. Noll / Tibit Communications

Comment Status: Resolved Response Status: AIP Commenter Satisfaction: Satisfied Category: -

Faults, Accounting, Configuration, Performance, and Security should be "Fault, Configuration, Accounting, Performance, Security management"

Change text to "Fault, Configuration, Accounting, Performance, Security management (FCAPS)"

Change text to "Fault, Configuration, Accounting, Performance, Security (FCAPS)"

#4 Type: TR TF: TF2 Clause: 6.1 Page: 15 Line: 14 Commenter: Glen Kramer / Broadcom

Comment Status: Resolved Response Status: Accept Commenter Satisfaction: Satisfied Category: -

The layering diagram in Figure 4-1 and the interlayer interface definitions in Figure 4-2 were all updated to show UMT client and OMCI client sitting on top of UMT sublayer. But the block diagram in Figure 6-1 has not been updated.

Modify the UMT sublayer block diagram as shown in tf2_2005_kramer_2.pdf.

#15 Type: TR TF: TF2 Clause: 5.1 Page: 23 Line: 11 Commenter: Kevin A. Noll / Tibit Communications

Comment Status: Resolved Response Status: AIP Commenter Satisfaction: Satisfied Category: -

The sentence "Note that the destination device may not be UMT-aware and the UMT tunnel may be terminated before the frame reaches that device" is confusing.

Reword "The station identified by DestinationAddress might not be UMT-aware which would require that the UMT tunnel be terminated before the UMTPDU reaches the station identified by the DestinationAddress"

Comment is actually technical in nature. Type changed to TR The proposed text looks like it implies a new requirement (without a shall). Re-phrase to simply state a fact, and also remove duplicated text "the station identified by the DestinationAddress". "Note" is needed, because this sentence is not part of the definition of the DestinationAddress field, but rather just an additional explanation. Replace existing text "Note that the destination device may not be UMT-aware and the UMT tunnel may be terminated before the frame reaches that device." with "<new line> NOTE -- The station identified by DestinationAddress might not be UMT-aware, in which case the UMT tunnel is terminated before the UMTPDU reaches that station."

#16 Type: TR TF: TF2 Clause: 5.1 Page: 23 Line: 15 Commenter: Kevin A. Noll / Tibit Communications

Comment Status: Resolved Response Status: AIP Commenter Satisfaction: Satisfied Category: -

The sentence "Note that the source device may not be UMT aware and the UMT tunnel may be originated after the frame leaves that device" is confusing.

Reword "The station identified by SourceAddress might not be UMT-aware which would require that the UMT tunnel be terminated before the UMTPDU reaches the station identified by the DestinationAddress"

Comment is actually technical in nature. Type changed to TR The proposed remedy confuses the source and the destination devices. Also, the same issues as in comment #15. "Note" is needed, because this sentence is not part of the definition of the SourceAddress field, but rather just an additional explanation. Replace existing text "Note that the source device may not be UMT aware and the UMT tunnel may be originated after the frame leaves that device." with "<new line> NOTE -- The station identified by SourceAddress might not be UMT-aware, in which case the UMT tunnel is initiated after the xPDU leaves that station."

#17 Type: ER TF: TF2 Clause: 5.1 Page: 23 Line: 27 Commenter: Kevin A. Noll / Tibit Communications

Comment Status: Resolved Response Status: Accept Commenter Satisfaction: Satisfied Category: -

Reference to 802.3 is in green text.

Change text color to black

#8 Type: TR TF: TF2 Clause: 5.2 Page: 24 Line: 6 Commenter: Kevin A. Noll / Tibit Communications

Comment Status: Withdraw Response Status: None Commenter Satisfaction: None Category: -

Table 5-1 shows OMCI_Subtype as 0x04. Current implementations of the draft are using 0x0C.

Designate OMCI_Subtype as 0x0C

***** Comment withdrawn on 2020.05.18, at 13:34

#5 Type: TR TF: TF2 Clause: 5.2 Page: 24 Line: 7 Commenter: Glen Kramer / Broadcom

Comment Status: Resolved Response Status: AIP Commenter Satisfaction: Satisfied Category: -

Action item taken at the last meeting to align two organization-specific UMTPDU subtypes with two OUI types (24-bit and 36-bit).

1) Remove the editorial note on page 24. 2) Modify table 5-1 as shown in tf2_2005_kramer_3.pdf 3) Modify subclause 5.2.6 as shown in tf2_2005_kramer_3.pdf File tf2_2005_kramer_4.pdf is a clean version of the proposed changes.

Changes per tf2_2005_kramer_3.pdf comment plus: - change "5.2.6 Organization-specific extension subtype" to "5.2.6 Organization-specific extension subtypes"

#21 Type: ER TF: TF2 Clause: 5.2.1 Page: 24 Line: 11 Commenter: Kevin A. Noll / Tibit Communications

Comment Status: Withdraw Response Status: None Commenter Satisfaction: None Category: -

Subclause 5.2.1 refers to UMTPDUs with subtype 0x00 as UMT_CONFIG, but no other UMTPDU subtype is given a "special" name.

Assign "special" name to each UMTPDU subtype and use as needed in the text.

***** Comment withdrawn on 2020.05.18, at 13:35

#14 Type: TR TF: TF2 Clause: 6 Page: 26 Line: 10 Commenter: Kevin A. Noll / Tibit Communications

Comment Status: Withdraw Response Status: None Commenter Satisfaction: None Category: -

There is no specification for how to forward a frame to the proper entity after rules are processed. All of the text and diagrams (see Fig 6-1) seem to assume that the resulting frame will go to UMTSI:MA_DATA.indication or MACCSI:MA_DATA.request. This would not be true for UMT Client PDUs and for OMCI frames destined to the OMCI client.

Add text and attributes to allow a rule to specify the primitives. See tf2_2005_d_06_rule_processing_noll_1

Per proposal (tf2_2005_noll_1.pdf) but with following changes: - 0x020 should be 0x02 - Table_Spec should be TableSpec Also, it seems Length field should be L+6 now that 2 extra octets were added. ***** Comment withdrawn on 2020.05.21, at 17:56

#13 Type: TR TF: TF2 Clause: 6 Page: 26 Line: 10 Commenter: Kevin A. Noll / Tibit Communications
 Comment Status: Withdraw Response Status: None Commenter Satisfaction: None Category: -

The text in clause 6 says that there are two CTE instances - one transmit and one receive. There is no way for the UMT configuration protocol to specify which path a rule should be applied.

Add a field in the UMT config PDU that specifies the direction to apply the rule. Alternatively, change the text to indicate that there is only one CTE instance. See tf2_2005_d_06_rule_processing_noll_1

Per proposal but with following changes: - 0x020 should be 0x02 - Table_Spec should be TableSpec Also, it seems Length field should be L+6 now that 2 extra octets were added. ***** Comment withdrawn on 2020.05.21, at 17:48

#11 Type: TR TF: TF2 Clause: 6 Page: 29 Line: - Commenter: Kevin A. Noll / Tibit Communications
 Comment Status: Withdraw Response Status: None Commenter Satisfaction: None Category: -

Is it possible to have more than one rule in place at a time? If so, then it is possible that a frame could match more than one rule. How does the UMT CTE resolve conflicts? For example, what happens if an incoming frame matches more than one rule?

Add a priority field to the CTE rule structure and specify how rules are to be processed. See tf2_2005_d_06_rule_processing_noll_1. Alternatively, add language that requires the NMS to configure the CTE such that there is never a possibility that more than one rule could match.

Per proposal but with following changes: - 0x020 should be 0x02 - Table_Spec should be TableSpec Also, it seems Length field should be L+6 now that 2 extra octets were added. ***** Comment withdrawn on 2020.05.21, at 18:02

#20 Type: TR TF: TF2 Clause: 6.1 Page: 29 Line: 15 Commenter: Kevin A. Noll / Tibit Communications
 Comment Status: Resolved Response Status: AIP Commenter Satisfaction: Satisfied Category: -

Figure 6-1 shows the interface from OAM Sublayer to UMT Sublayer using MA_DATA primitives. It does not show the primitives to the OMCI client as depicted in figure 4-2. Since Fig 4-2 depicts a different set of primitives, for the OMCI client, fig 6-1 should also show these primitives.

Submitted diagram

See comment #4

#9 Type: TR TF: TF2 Clause: 6.1.1 Page: 29 Line: 20 Commenter: Kevin A. Noll / Tibit Communications
 Comment Status: Withdraw Response Status: None Commenter Satisfaction: None Category: -

The rule syntax described here is not used anywhere else in the document. Is it necessary?

Adopt the format used in 1904.1 clause 7 (e.g. Table 7-6, etc).

Please suggest specific changes. This is really a technical comment. Type changed to TR ***** Comment withdrawn on 2020.05.21, at 18:00

#12 Type: TR TF: TF2 Clause: 6.1.1.2 Page: 30 Line: - Commenter: Kevin A. Noll / Tibit Communications
 Comment Status: Withdraw Response Status: None Commenter Satisfaction: None Category: -

Currently the text implies that classification fields allow only exact matches. What if an implementer wishes to match a range of, for example all Multicast, or all of a given OUI?

Add field codes that allow ranges or masks. See tf2_2005_d_0_6_mask_matching_noll_1

***** Comment withdrawn on 2020.05.18, at 13:33

#10 Type: ER TF: TF2 Clause: 6.1.1.2 Page: 30 Line: 18 Commenter: Kevin A. Noll / Tibit Communications
 Comment Status: Resolved Response Status: AIP Commenter Satisfaction: Satisfied Category: -

Table 6-2 is labeled as "L2 classification fields". This is confusing as the table contains classification fields for an L2 subtype payload as well as for the UMT header fields.

Rename the table to "Classification fields" or split the table to "UMT classification fields" and "L2 subtype classification fields". I favor the latter.

Rename the table to "Classification fields"

#19 Type: TR TF: TF2 Clause: 6.1.1.1.2 Page: 30 Line: 18 Commenter: Kevin A. Noll / Tibit Communications
 Comment Status: Withdraw Response Status: None Commenter Satisfaction: None Category: -

Table 6-2 uses DST_ADDR and SRC_ADDR. This is not consistent with 1904.1

CHANGE "DST_ADDR" and "SRC_ADDR" to "DA" and "SA", respectively in Table 6-2 and throughout the uses in the text.

Comment is technical in nature. Type was changed to TR This was done deliberately, to distinguish three separate concepts: (1) a field code DEST_ADDR (which is an 8-bit constant with a value of 0x01), (2) a field name *DestinationAddress* (which is a 48-bit EUI-48 value), and (3) references to an actual thing called the destination address (with acronym DA). ***** Comment withdrawn on 2020.05.21, at 18:07

#18 Type: TR TF: TF2 Clause: 6.1.1.2 Page: 32 Line: 4 Commenter: Kevin A. Noll / Tibit Communications
 Comment Status: Resolved Response Status: AIP Commenter Satisfaction: Satisfied Category: -

Table 6-3 specifies a "DELETE" and a "CHANGE" action. This is not consistent with how 1904.1 describes classification and actions.

Change "DELETE" to "REMOVE" and "CHANGE" to "REPLACE" in Table 6-3 and throughout the uses in the text.

Comment is technical in nature. Type was changed to TR Global replace is needed Also make the following changes - "Delete (remove) a field" to "Remove (delete) a field" - "Change (replace) a field" to "Replace (change) a field"

#1 Type: TR TF: TF2 Clause: 7.1 Page: 40 Line: 14 Commenter: Glen Kramer / Broadcom
 Comment Status: Resolved Response Status: Accept Commenter Satisfaction: Satisfied Category: -

In table 7-2, the the description for the Direction field incorrectly states that a rule for transmit path is an ingress rule and the rule for the receive path is an egress rules.

Swap the words "ingress" and "egress"

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#3 Type: TR TF: TF2 Clause: 7.2 Page: 41 Line: 1 Commenter: Glen Kramer / Broadcom
 Comment Status: Resolved Response Status: Accept Commenter Satisfaction: Satisfied Category: -

By allowing a field mask to be used in CTE rule conditions, we can eliminate the field codes for fields that are sub-fields of other defined fields, e.g., VLAN0_TPID, VLAN1_VID, etc.

1) Add a Mask component to CTE rule TLV structure as shown in tf2_2005_kramer_5.pdf 2) Delete unnecessary field codes from table 6-2 and renumber the remaining codes as shown in tf2_2005_kramer_6.pdf.

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#2 Type: T TF: TF2 Clause: 7A.1 Page: 44 Line: 4 Commenter: Glen Kramer / Broadcom

Comment Status: Resolved Response Status: Accept Commenter Satisfaction: None Category: -

Annex 7A is empty

1) Add an example of OAM over UMT as shown in tf2_2005_kramer_1.pdf 2) Add field code for XPDU_SUBTYPE with value 0x26 as shown in tf2_2005_kramer_6.pdf

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